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Titolo	Advances in discrete and computational geometry : proceedings of the 1996 AMS-IMS-SIAM Joint Summer Research Conference, Discrete and Computational Geometry--Ten Years Later, July 14-18, 1996, Mount Holyoke College // Bernard Chazelle, Jacob E. Goodman, Richard Pollack, editors
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Note generali	"AMS-IMS-SIAM Joint Summer Research Conference in the Mathematical Sciences 'Discrete and Computational Geometry--Ten Years Later'"--T. p. verso.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- Preface -- Geometric range searching and its relatives -- Deformed products and maximal shadows of polytopes -- Flag complexes, labelled rooted trees, and star shellings -- Discrepancy bounds for geometric set systems with square incidence matrices -- Computational topology -- Recent progress on packing and covering -- Acoptic polyhedra -- A proof of the strict monotone 4-step conjecture -- Interactions between real algebraic geometry and discrete and computational geometry -- Open problems in the combinatorics of visibility and illumination -- Halving lines and perfect cross-matchings -- Three-dimensional grid drawings of graphs -- On polygonal covers -- The universality theorems for oriented matroids and polytopes -- Periodic and aperiodic tilings of E_n -- The early years of computational geometry"a personal memoir -- Arrangements of surfaces in higher dimensions -- Geometric discrepancy theory -- Proof of Reay's conjecture on certain positive-dimensional intersections -- Progress in geometric transversal theory

-- Recent progress on polytopes -- Appendix: Application challenges to computational geometry.
